On October 21, 2021, the Dispute Resolution Agreement Team (EPA, TDEC, DOE and UCOR) agreed to a fish consumption rate of 11 fish meals/year using the process and calculations shown in this

BFK-7.6 Calculated Number of Fish Meals Community BFK 7.6 (114 meter reach, gamefish greater than 30 grams)

Common Name	Number of Fish	Minimu m Weight (grams)	Maximum Weight (grams)	Average Weight (grams)
bluegill	1	46	46	46
green sunfish	1	34.5	34.5	34.5
largemouth bass	0	0	0	NA
redbreast sunfish	5	35	86.7	59.4
rock bass	3	44	185	91.4

Total weight of fish greater than 30 grams
Assume 1/2 of fish is edible
Fish catch rate per trip
Assume fishes 9 months, for a total of 30 trips
Assume 227 g per meal

EFK 0.0 (0.0-1.0) Calculated Number of Fish Meals Community EFK 0.0 (65 meter reach, gamefish greater than 30 grams)

Common Name	Number of Fish	Minimu m Weight (grams)	Maximum Weight (grams)	Average Weight (grams)
largemouth bass	1	66.2	66.2	66.2
white crappie	1	183	183	183
bluegill	5	30.3	80	46.9
redbreast sunfish	1	112	112	112
redear sunfish	1	36.6	36.6	36.6
warmouth	3	36.3	43.8	39.3
yellow bass	11	30.4	196	87.6
yellow perch	2	32.6	32.9	32.8

Total weight of fish greater than 30 grams Assume 1/2 of fish is edible

Fish catch rate per trip

Assume fishes 9 months, for a total of 30 trips Assume 227 g per meal 1779.6 grams 889.8 grams/filet

651.6 grams

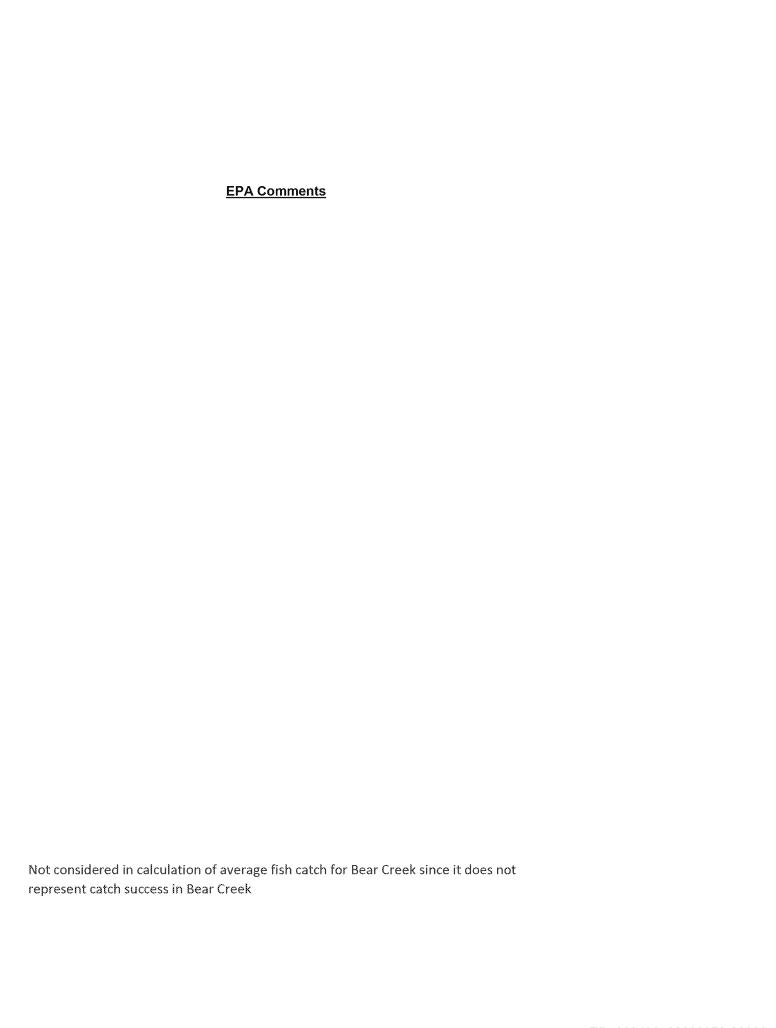
325.8 grams/filet 70% fish/trip

6841.8 grams/year

30.14 meals/year

28% fish/trip

7474.32 grams/year 32.93 meals/year



BCK 0.5 (0.5-1.5) Calculated Number of Fish Meals Community BCK 0.5 (95 meter reach, gamefish greater than 30 grams)

Common Name	Number of Fish	Minimu m Weight	Maximum Weight	Average Weight
largemouth bass	1	73.1	73.1	73.1
green sunfish	3	33.2	72.1	46.5
redbreast sunfish	3	32.8	59	41.8
rock bass	4	36.7	116	77.5
warmouth	1	34.4	34.4	34.4

Total weight of fish greater than 30 grams
Assume 1/2 of fish is edible
Fish catch rate per trip
Assume fishes 9 months, for a total of 30 trips
Assume 227 g per meal

682.4 grams
341.2 grams/filet
58% fish/trip
4401.48 grams/year

19.39 meals/year

BCK 3.3 (3.3-4.5) Calculated Number of Fish Meals Community BCK 3.3 (84 meter reach, gamefish greater than 30 grams) + 5-year BMAP fish data

Common Name	Number of Fish	Minimu m Weight	Maximum Weight	Average Weight
bluegill	2	32.7	72.5	52.6
green sunfish	9	35	55.1	39.2
redbreast sunfish	4	32.5	69	42.9
rock bass	12	34.9	176	69.9

Total weight of fish greater than 30 grams

Assume 1/2 of fish is edible

Fish catch rate per trip

99.2 grams

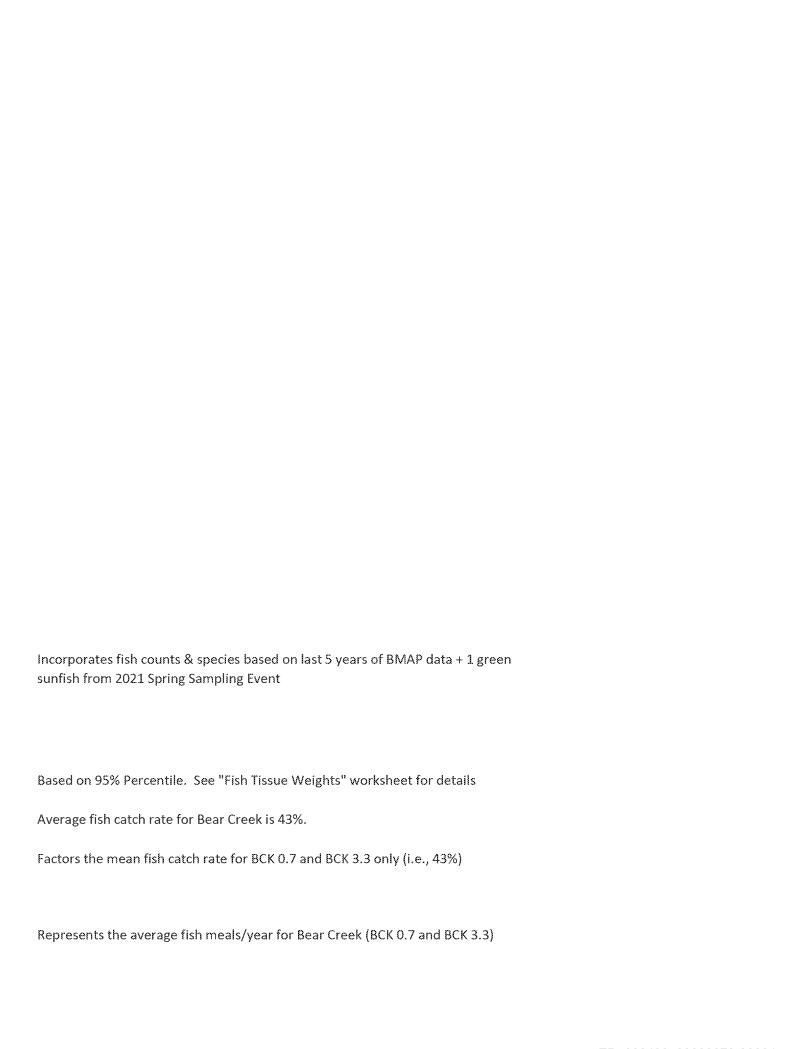
49.6 grams/filet

26% fish/trip

Assume fishes 9 months, for a total of 30 trips

Assume 227 g per meal 639.84 grams/year 2.82 meals/year

Average BCK Fish Meals/Year (BCK 0.7 and 3.3)	11
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DATE	SITE	PASS	SPECIES	Season	Common Name	LEN	WGT	Туре
4/6/2016		 	REDBRE	Spring 2016	redbreast sunfish	15.8		sunfish, game fish
4/6/2016	 		ROCKBA	Spring 2016	rock bass	12.7		sunfish, game fish
1,0,2010	500.5		THO OND A	5911118 2010	TOOK Subs	12.7	31.3	Jannen, game non
10/11/2016	BCK3.3	2	ROCKBA	Fall 2016	rock bass	18.9	110	sunfish, game fish
10/11/2016	BCK3.3	1	ROCKBA	Fall 2016	rock bass	16.6	74	sunfish, game fish
10/11/2016	BCK3.3	1	ROCKBA	Fall 2016	rock bass	16.5	72	sunfish, game fish
10/11/2016	BCK3.3	1	ROCKBA	Fall 2016	rock bass	17	70	sunfish, game fish
10/11/2016	ВСКЗ.З	1	REDBRE	Fall 2016	redbreast sunfish	14.1	36	sunfish, game fish
5/1/2017	BCK3.3	1	ROCKBA	Spring 2017	rock bass	20.6	176	sunfish, game fish
5/1/2017	ВСКЗ.З	1	ROCKBA	Spring 2017	rock bass	14.7	57.1	sunfish, game fish
5/1/2017	ВСКЗ.З	1	ROCKBA	Spring 2017	rock bass	14.9	57	sunfish, game fish
5/1/2017	ВСКЗ.З	3	ROCKBA	Spring 2017	rock bass	14	47.3	sunfish, game fish
5/1/2017	ВСКЗ.З	1	ROCKBA	Spring 2017	rock bass	12.6	38.7	sunfish, game fish
5/1/2017	ВСКЗ.З	3	GREENS	Spring 2017	green sunfish	12.9	35.5	sunfish, game fish
5/1/2017	ВСКЗ.З	1	GREENS	Spring 2017	green sunfish	12.9	35	sunfish, game fish
10/4/2017	BCK3.3	1	ROCKBA	Fall 2017	rock bass	16	58.9	sunfish, game fish
4/13/2018	BCK3.3	2	GREENS	Spring 2018	green sunfish	12.9	39.7	sunfish, game fish
4/13/2018	BCK3.3	2	GREENS	Spring 2018	green sunfish	13.1	36.4	sunfish, game fish
10/3/2019	BCK3.3	1	BLUGIL	Fall 2019	bluegill	15.6	72.5	sunfish, game fish
10/3/2019	BCK3.3	3	GREENS	Fall 2019	green sunfish	13.9		sunfish, game fish
10/3/2019	BCK3.3	2	GREENS	Fall 2019	green sunfish	12.8	35.1	sunfish, game fish
10/3/2019	BCK3.3	2	REDBRE	Fall 2019	redbreast sunfish	12.8	32.5	sunfish, game fish
5/12/2020	<u> </u>	1	GREENS	Spring 2020	green sunfish	13.4	36	sunfish, game fish
5/12/2020	BCK3.3	1	REDBRE	Spring 2020	redbreast sunfish	12.7	34	sunfish, game fish
10/7/2020		1	GREENS	Fall 2020	green sunfish	14.9	55.1	sunfish, game fish
10/7/2020	<u> </u>	2	ROCKBA	Fall 2020	rock bass	14.2	42.9	sunfish, game fish
10/7/2020	BCK3.3	1	BLUGIL	Fall 2020	bluegill	12.8	32.7	sunfish, game fish
5/1/2021	BCK 3.3	1	GREENS	Spring 2021	green sunfish	11.7	38.1	sunfish, game

Common Name	Number of Fish	Minimum Weight (grams)	Maximum Weight (grams)	Average Weight (grams)	Total Weight (grams)	Minimum Length (cm)
redbreast sunfish	1	69	69	69.0	69.0	15.8
rock bass	1	34.9	34.9	34.9	34.9	12.7
	Number	Minimum Weight	Maximum	Average Weight	Total Weight	Minimum
Common Name	of Fish	(grams)	Weight (grams)	(grams)	(grams)	Length (cm)
redbreast sunfish	2	36	69	52.5	105.0	14.1
rock bass	5	34.9	110	72.2	360.9	12.7

Common Name	Number of Fish	Minimum Weight (grams)	Maximum Weight (grams)	Average Weight (grams)	Total Weight (grams)	Minimum Length (cm)
green sunfish	2	35	35.5	35.3	70.5	12.9
rock bass	5	38.7	176	75.2	376.1	12.6

	Number	Minimum Weight	Maximum	Average Weight	Total Weight	Minimum
Common Name	of Fish	(grams)	Weight (grams)	(grams)	(grams)	Length (cm)
rock bass	1	58.9	58.9	58.9	58.9	16
	Number	Minimum Weight	Maximum	Average Weight	Total Weight	Minimum
Common Name	of Fish	(grams)	Weight (grams)	(grams)	(grams)	Length (cm)
green sunfish	2	36.4	39.7	38.1	76.1	12.9

Common Name	Number of Fish	Minimum Weight (grams)	Maximum Weight (grams)	Average Weight (grams)	Total Weight (grams)	Minimum Length (cm)
green sunfish	2	35.1	41.5	38.3	76.6	12.8
redbreast sunfish	1	32.5	32.5	32.5	32.5	12.8
bluegill	1	72.5	72.5	72.5	72.5	15.6

	Number	Minimum Weight	Maximum	Average Weight	Total Weight	Minimum
Common Name	of Fish	(grams)	Weight (grams)	(grams)	(grams)	Length (cm)
green sunfish	1	36	36	36.0	36.0	13.4
redbreast sunfish	1	34	34	34.0	34.0	12.7
	Number	Minimum Weight	Maximum	Average Weight	Total Weight	Minimum
Common Name	of Fish	(grams)	Weight (grams)	(grams)	(grams)	Length (cm)
green sunfish	1	55.1	55.1	55.1	55.1	14.9
rock bass	1	42.9	42.9	42.9	42.9	14.2
bluegill	1	32.7	32.7	32.7	32.7	12.8

	Spring 2021 Community Survey								
	Number	Number Minimum Weight Maximum Average Weight Total Weight Minimum							
Common Name	of Fish	(grams)	Weight (grams)	(grams)	(grams)	Length (cm)			
green sunfish	1	38.1	38.1	38.1	38.1	13			

Maximum Length (cm)	Average Length (cm)
15.8	15.8
12.7	12.7
Maximum Length	Average
(cm)	Length (cm)
15.8	15.0
18.9	16.3

Maximum Length	Average	
(cm)	Length (cm)	
12.9	12.9	
20.6	15.4	

Maximum Length (cm)	Average Length (cm)	
16	16.0	
Maximum Length	Average	
(cm)	Length (cm)	
13.1	13.0	

Maximum Length	Average	
(cm)	Length (cm)	
13.9	13.4	
12.8	12.8	
15.6	15.6	

Maximum Length	Average	
(cm)	Length (cm)	
13.4	13.4	
12.7	12.7	
Maximum Length	Average	
Maximum rengtii	Avelage	
(cm)	Length (cm)	
_	_	
(cm)	Length (cm)	

Maximum Length Average				
(cm)	Length (cm)			
13	13.0			

DATE	SITE	PASS	SPECIES
4/6/2016	ВСКЗ.З	1	REDBRE
4/6/2016	ВСКЗ.З	1	ROCKBA
10/11/2016	ВСКЗ.З	1	REDBRE
10/11/2016	ВСКЗ.З	2	ROCKBA
10/11/2016	ВСКЗ.З	1	ROCKBA
10/11/2016	ВСКЗ.З	1	ROCKBA
10/11/2016	ВСКЗ.З	1	ROCKBA
5/1/2017	ВСКЗ.З	3	GREENS
5/1/2017	ВСКЗ.З	1	GREENS
5/4/0047	D 01/2 2		D O O V D 4
5/1/2017		 	ROCKBA
			ROCKBA
5/1/2017		 	ROCKBA
5/1/2017			ROCKBA
5/1/2017	BCK3.3	1	ROCKBA
10/4/2017	BCK3.3	1	ROCKBA
4/13/2018	ВСКЗ.З	2	GREENS
4/13/2018	ВСКЗ.З	2	GREENS
10/2/2010	DCK2 2	1	DILICII
10/3/2019			BLUGIL
10/3/2019	BCK3.3	3	GREENS
10/3/2019	BCK3.3	2	GREENS
10/3/2019		2	REDBRE
		1	GREENS
5/12/2020		1	REDBRE
10/7/2020	ВСКЗ.З		BLUGIL
10/7/2020	ВСКЗ.З	1	GREENS
10/7/2020	}	2	ROCKBA
5/1/2021	BCK 3.3	1	GREENS

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Season	Common Name	Count	LEN	WGT	Туре
2016 Spring	redbreast sunfish	1	15.8	69	sunfish, game fish
2016 Spring	rock bass	2	12.7	34.9	sunfish, game fish
2016 Fall	redbreast sunfish	1	14.1	36	sunfish, game fish
2016 Fall	rock bass	2	18.9	110	sunfish, game fish
2016 Fall	rock bass	3	16.6	74	sunfish, game fish
2016 Fall	rock bass	4	16.5	72	sunfish, game fish
2016 Fall	rock bass	5	17	70	sunfish, game fish
2017 Spring	green sunfish	1	12.9	35.5	sunfish, game fish
2017 Spring	green sunfish	2	12.9	35	sunfish, game fish
2017 Spring	rock bass	1	20.6	 	sunfish, game fish
2017 Spring	rock bass	2	14.7		sunfish, game fish
2017 Spring	rock bass	3	14.9		sunfish, game fish
2017 Spring	rock bass	4	14	47.3	sunfish, game fish
2017 Spring	rock bass	5	12.6	38.7	sunfish, game fish
2017 Fall	rock bass	6	16	58.9	sunfish, game fish
2018 Spring	green sunfish	1	12.9	39.7	sunfish, game fish
2018 Spring	green sunfish	2	13.1	36.4	sunfish, game fish
2019 Fall	bluegill	1	15.6	72.5	sunfish, game fish
2019 Fall	green sunfish	1	13.9	41.5	sunfish, game fish
2019 Fall	green sunfish	2	12.8	 	sunfish, game fish
2019 Fall	redbreast sunfish	1	12.8	ļ	sunfish, game fish
2020 Spring	green sunfish	1	13.4	36	sunfish, game fish
2020 Spring	redbreast sunfish	1	12.7	34	sunfish, game fish
2020 Fall	bluegill	1	12.8	32.7	sunfish, game fish
2020 Fall	green sunfish	1	14.9	55.1	sunfish, game fish
2020 Fall	rock bass	1	14.2	42.9	sunfish, game fish
Spring 2021	green sunfish	1	11.7	38.1	sunfish, game

SPECIES	Number of Fish	Minimum Weight (grams)
BLUGIL	2	32.7
GREENS	9	35
REDBRE	4	32.5
ROCKBA	12	34.9
	27	

All fish

90th Percentile weight

73.1

Fish > 30 grams 2016

90th Percentile Count

4.7

Fish > 30 grams 2018

90th Percentile Count

1.9

Maximum	Average	Total	Minimum	Maximum	Average
Weight	Weight	Weight	Length	Length	Length
(grams)	(grams)	(grams)	(cm)	(cm)	(cm)
72.5	52.6	105.2	32.7	72.5	52.6
55.1	39.2	352.4	35	55.1	39.2
69	42.9	171.5	32.5	69	42.9
4.70					
176	69.9	838.8	34.9	176	69.9
		1467.9			

5th Percentile weigh

99.2

5 - 2020

35th Percentile Coun

5

3 - 2020

35th Percentile Coun

2